Specification Data

Stainless Steel Diesel Engine Driven

Priming Assisted Centrifugal Pump w/Autostart

Model PAH4B65-4045H

Size 6” x 4”

<table>
<thead>
<tr>
<th>Total Head</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.S.I.</td>
<td>Feet 25'</td>
</tr>
<tr>
<td>101.9</td>
<td>235</td>
</tr>
<tr>
<td>97.5</td>
<td>225</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
</tr>
<tr>
<td>75.9</td>
<td>175</td>
</tr>
<tr>
<td>65.0</td>
<td>150</td>
</tr>
<tr>
<td>54.2</td>
<td>125</td>
</tr>
<tr>
<td>43.4</td>
<td>100</td>
</tr>
<tr>
<td>32.5</td>
<td>75</td>
</tr>
<tr>
<td>21.7</td>
<td>50</td>
</tr>
<tr>
<td>10.8</td>
<td>25</td>
</tr>
</tbody>
</table>

Suction Lift Based On 1800 RPM Engine Speed.

PUMP SPECIFICATIONS

Size: 6” x 4” (152 mm x 102 mm) Flanged.
Casing: Stainless Steel CD4MCu.
Maximum Operating Pressure 159 psi (1096 kPa).*
Enclosed Type, Two Vane Impeller: Stainless Steel CD4MCu.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Suction Head: Stainless Steel CD4MCu.
Suction Spool: Stainless Steel CD4MCu.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Ring: Stainless Steel CD4MCu.
Bearing Pedestal: Gray Iron 30.
Seal: Mechanical, SAE 30 Non-Detergent Oil Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage and Stainless Steel 316 Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*
Shaft Sleeve: Stainless Steel 17-4 PH.
Priming Chamber: Stainless Steel 316 Housing w/Stainless Steel Float and Linkage.
Discharge Check Valve: Stainless Steel Housing w/Viton Flapper.
Radial Bearing: Open Roller.
Thrust Bearing: Open Double Ball.
Gaskets: Fluorocarbon (DuPont Viton® or Equivalent), Compressed Synthetic Fibers and Buna-N.
O-Rings: Fluorocarbon (DuPont Viton® or Equivalent).
Hardware: Stainless Steel 316 and 17-4 PH.
Seal Oil Level Sight Gauges.
*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

Standard Equipment: Strainer, Gear-Driven Air Compressor, Hoisting Bail, Combination Skid Base w/Fuel Tank, Single Ball Type Float Switch **
**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From The Factory.


ENGINE SPECIFICATIONS

Model: John Deere 4045H “Power Tech”.
EPA Tier: Tier 3
Type: Four Cylinder, Turbocharged, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 17.9 Hrs.
Starter: 12V Electric.
Standard Features: Muffler w/Weather Cap.
Optional: Electronic Fuel Level Sensor.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent Duty) 140 (104 kW) @ 2400 RPM

www.grpumps.com
Specifications Subject to Change Without Notice Printed in U.S.A.

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